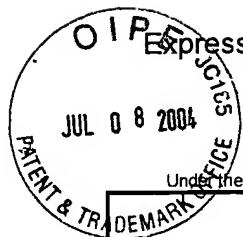


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Express Mail No. EV336671068US

Attorney Docket No. 108298709US

Disclosure No. 02-1308.00/US

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-00321

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/651,914 - Conf. No. 9566	
	Filing Date	August 29, 2003	
	First Named Inventor	Suan Jeung Boon	
	Art Unit	2826	
	Examiner Name	Kevin V. Quinto	
Total Number of Pages in This Submission	6	Attorney Docket Number	108298709US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures: 1) Form PTO/SB/08 2) Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David T. Dutcher
Signature	<i>David Dutcher</i>
Date	July 8, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Attorney Docket No. 108298709US

Disclosure No. 02-1308.00/US

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/651,914 - Conf. No. 9566
Filing Date	August 29, 2003
First Named Inventor	Suan Jeung Boon
Examiner Name	Kevin V. Quinto
Art Unit	2826
Attorney Docket No.	108298709US

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

50-0665

Deposit Account Name

Perkins Coie LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from below	Fee Paid
Total Claims		-20** =		
Independent Claims		-3** =		
Multiple Dependent				

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater, For Reissues, see above

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	David T. Dutcher	Registration No. (Attorney/Agent)	51,638	Telephone	(206) 359-6465
Signature		Date	July 8, 2004		



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PRE APPLICATION OF: SUAN JEUNG BOON *ET AL.*  
APPLICATION No.: 10/651,914  
FILED: AUGUST 29, 2003  
FOR: **PACKAGED MICROELECTRONIC DEVICES  
AND METHODS OF PACKAGING  
MICROELECTRONIC DEVICES**

EXAMINER: KEVIN V. QUINTO  
ART UNIT: 2826  
CONF. No: 9566

**Information Disclosure Statement After First Office Action but  
Before Final Action or Notice of Allowance – 37 C.F.R. § 1.97(c)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

The information transmitted herewith is being filed *after* three months of the filing date of this application or after the mailing date of the first Office action on the merits, whichever occurred last, but *before* the mailing date of either a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, whichever occurs first. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☒ This application was filed after 30 June 2003 and no copies of U.S. patents nor published applications are enclosed (See Notice of Deputy Commissioner Kunin on 11 July 2003).

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

07/12/2004 ZJUHR1 00000066 10651914

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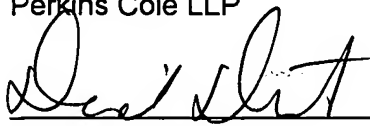
180.00 0P

4. Fee Payment (37 C.F.R. § 1.97(c)) or Certification (37 C.F.R. § 1.97(e))

- ☒ Applicant elects to pay the fee under 37 C.F.R. § 1.17(p) \$180.00.
- ☒ Check enclosed for \$180.
- ☐ Please charge the above fee(s) to Deposit Account No. 50-0665 this paper is provided in triplicate.
- ☒ Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-0665.

Date: July 8, 2004

Respectfully submitted,  
Perkins Coie LLP



David T. Dutcher  
Registration No. 51,638

**Correspondence Address:**

Customer No. 25096  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000



Express Mail No. EV336671068US

Attorney Docket No. 108298709US

Disclosure No. 02-1308.00/US

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/651,914 - Conf. No. 9566
Filing Date	August 29, 2003
First Named Inventor	Suan Jeung Boon
Art Unit	2826
Examiner Name	Kevin V. Quinto
Attorney Docket Number	108298709US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		5,145,099	09-08-1992	Wood et al.	
		5,677,566	10-14-1997	King et al.	
		5,826,628	10-27-1998	Hamilton	
		5,879,965	03-09-1999	Jiang et al.	
		5,986,209	11-16-1999	Tandy	
		RE 36,469	12-28-1999	Wood et al.	
		6,048,744	04-11-2000	Corisis et al.	
		6,103,547	08-15-2000	Corisis et al.	
		6,130,474	10-10-2000	Corisis	
		6,133,068	10-17-2000	Kinsman	
		6,133,622	10-17-2000	Corisis et al.	
		6,148,509	11-21-2000	Schoenfeld et al.	
		6,150,710	11-21-2000	Corisis	
		6,153,924	11-28-2000	Kinsman	
		6,159,764	12-12-2000	Kinsman et al.	
		6,225,689-B1	05-01-2001	Moden et al.	
		6,228,548-B1	05-08-2001	King et al.	
		6,229,202-B1	05-08-2001	Corisis	
		6,239,489-B1	05-29-2001	Jiang	
		6,246,108-B1	06-12-2001	Corisis et al.	
		6,246,110-B1	06-12-2001	Kinsman et al.	
		6,258,623-B1	07-10-2001	Moden et al.	
		6,258,624-B1	07-10-2001	Corisis	
		6,261,865-B1	07-17-2001	Akram	
		6,271,580-B1	08-07-2001	Corisis	
		6,284,571-B1	09-04-2001	Corisis et al.	
		6,291,894-B1	09-18-2001	Farnworth et al.	
		6,297,547-B1	10-02-2001	Akram	

Examiner  
SignatureDate  
Considered

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/651,914 - Conf. No. 9566
				Filing Date	August 29, 2003
				First Named Inventor	Suan Jeung Boon
				Art Unit	2826
				Examiner Name	Kevin V. Quinto
Sheet	2	of	2	Attorney Docket Number	108298709US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		6,303,981-B1	10-16-2001	Moden	
		6,303,985-B1	10-16-2001	Larson et al.	
		6,310,390-B1	10-30-2001	Moden	
		6,329,705-B1	12-11-2001	Ahmad	
		6,331,448-B1	12-18-2001	Ahmad	
		6,344,976-B1	02-05-2002	Schoenfeld et al.	
		6,407,381-B1	06-18-2002	Glenn et al.	
		6,503,780-B1	01-07-2003	Glenn et al.	
		6,548,757-B1	04-15-2003	Russell et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

Examiner Signature		Date Considered	
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